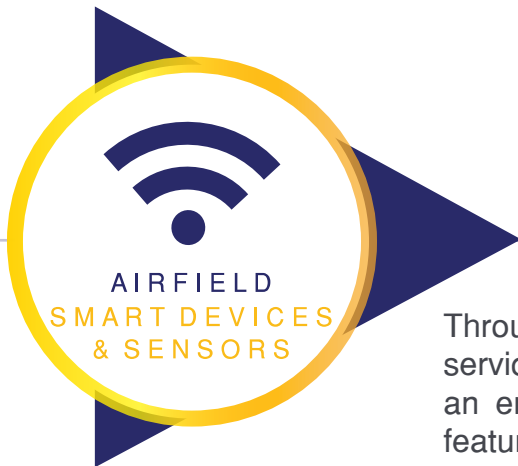


# Welcome to the World of

## Smart Connected Airports



### Airfield GIS Data Acquisition & Subscription Service



Through an innovative and affordable GIS acquisition subscription service model, Eagle delivers a full solution that creates and maintains an engineering-grade GIS inventory library (x,y,z, plus time) of the features and characteristics covering an entire airport infrastructure.

Using high-precision aerial and ground LiDAR and image sensors to acquire GIS data, our cloud-based or locally hosted data management software processes, organizes, stores and visually delivers the level of accurate information you need in order to meet your growing demands to expand volume capacity, increase safety, enhance operational efficiency and maintain compliance.

#### LATEST ELECTRO-OPTIC SENSOR TECHNOLOGY

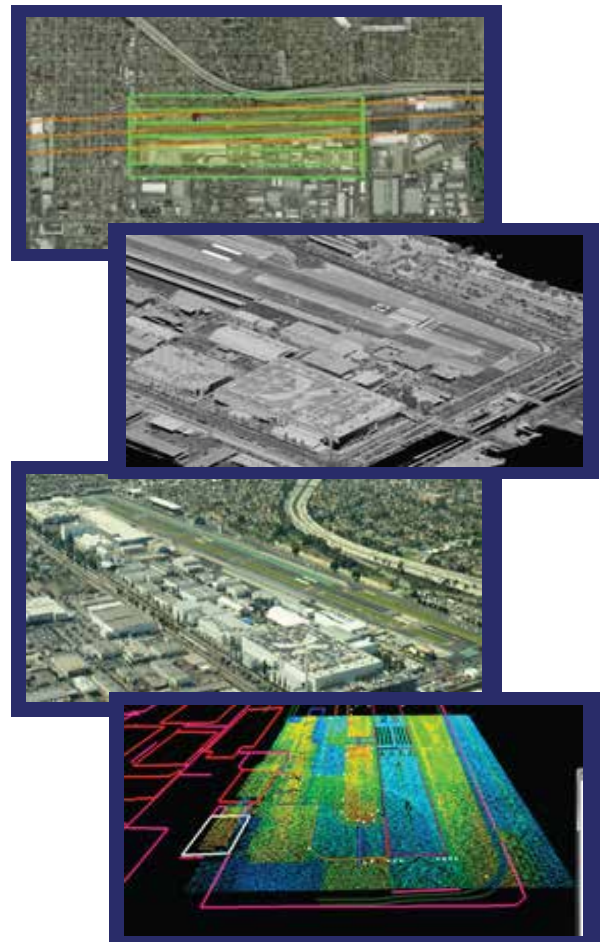
Eagle's advanced GIS acquisition system uses UAVs, helicopters and ground-based vehicles fitted with LiDAR and ultra-high resolution mapping cameras to acquire and maintain precision GIS data of your airfield.

#### DATA MANAGEMENT, VIEWING & REPORTING

From acquired GIS data, our software segments and extracts features into layers including runways, traffic lanes, hold lines, buildings, terminals, signs, lighting, vegetation, waterbodies, storm sewers, fire hydrants, communication antennas etc., and can be easily shared across airport departments.

Our GIS content seamlessly integrates with other GIS software programs (e.g., ESRI or CAD designs), and is used as the central GIS data hub for all of Eagle's intelligent AIROps™ applications.

Hawthorne Airport, California





## Subscription Services

- Acquisition Service (Aerial and/or Ground)
- Data Processing / Feature Extraction
- Hosting / Viewer
- Export to Design Tools (ESRI, CAD, etc)
- Lower upfront costs

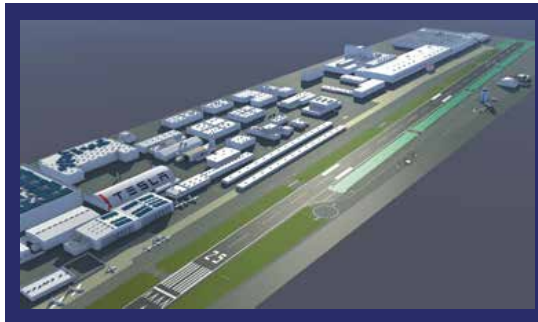
### ACQUISITION OPTIONS:

- Airport Property – Aerial and/or Ground
- Extended Centerlines “glide paths”
- Mutual Aid Area adjacent to airport
- Ultra-high resolution runway scan (for PCI analysis)
- Annual data collection for updates

### FEATURE EXTRACTION OPTIONS:

Select specific data types / layers you want to extract and view.

- Data processing and feature extraction service generates GIS layers from the acquired data
- User selectable layers and feature coding to match the GIS policies of the individual airports
- High resolution 3D models can also be generated from the data



### GISViewerPRO™

- GISViewerPRO is a software application designed to allow airports to explore and view their hosted GIS data
- Take accurate measurements from within the app
- Select layers and areas of interest to view its attributes and then easily export them to applications such as CAD or ESRI
- Supports any data type that is geo-referenced including data acquired by Eagle or others
- Integrated Point Cloud and Imagery data allows users to explore areas in 2D or 3D space



For more information visit:

[team-eagle.com](http://team-eagle.com)

## INNOVATIVE SUBSCRIPTION MODEL

Affordable service for keeping GIS data fresh, while spreading costs across multiple years.

## FEATURE EXTRACTION

Extract specific features for exporting to design tools such as ESRI & CAD etc.

## DATA MANAGEMENT & ACCESSIBILITY

Hosted on a highly secure cloud-based platform or on your local server.

## DATA SHARING

Share up-to-date GIS data with other airport departments.

